

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	107	("201".clas. or "202".clas. or "203".clas.) and pervaporat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/08 10:40
S2	4	("201".clas. or "202".clas. or "203".clas.) and pervaporat\$3 and acetonitrile	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/08 10:41
S4	1	("6395142").PN.	US-PGPUB; USPAT	OR	OFF	2011/03/08 10:49
S5	50	("201".clas. or "202".clas. or "203".clas.) and pervaporat\$3 and (azeotrop\$3 with distillation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/09 07:41
S6	1	("4774365").PN.	US-PGPUB; USPAT	OR	OFF	2011/03/09 13:14
S7	1	("6395142").PN.	US-PGPUB; USPAT	OR	OFF	2011/03/09 13:40
S8	1	("5110475").PN.	US-PGPUB; USPAT	OR	OFF	2011/03/09 13:42
S9	25	"890572"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/09 13:48
S10	18	"937707"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/09 14:00

S13	7	"197931" and "1978" and comb and petroch	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/09 14:07
S14	17	"202.clas" or "203". clas. and (acetonitrile or nitrile) and (water or "H.sub"("2")".O" or H2O) and distillation and (purif\$ or refine \$) and HPLC	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/09 16:52
S17	2	hamanaka.in. and manufacture.ti. and acetonitrile.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/10 16:47
S18	1	("3451899").PN.	US-PGPUB; USPAT	OR	OFF	2011/03/11 08:33
S19	3226	(acetonitrile or nitrile or ACN) and hybrid and distillation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/11 10:06
S20	6	(acetonitrile.ti. or nitrile.ti. or ACN.ti.) and hybrid and distillation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/11 10:07
S21	2	(acetonitrile or nitrile or ACN) and (hybrid near distillation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/11 10:08
S22	136	acetonitrile.ti. and purification.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/11 12:44
S23	35	godbole.in. and acetonitrile and distillation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/11 13:45

S24	7	"890572" and standard and oil	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/11 14:04
S25	3	"937707" and standard and oil	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/11 14:06
S26	19	August.in. and Van. in. and Gysel.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/11 14:51
S27	3	frans.in. and soeterbroeck.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/11 14:55
S28	34	geert.in. and vermeulen.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/11 14:55
S29	1791	(acetonitrile or nitrile or ACN) and hybrid and distillation and (membrane or pervaporation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/11 14:59
S30	1487	(acetonitrile or nitrile or ACN) and hybrid and distillation and (membrane or pervaporation) and purification	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/11 15:00
S31	2147	(acetonitrile or nitrile or ACN) and hybrid and distillation and (HPLC or UV)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/11 15:01

S32	2	(acetonitrile or nitrile or ACN) and (hybrid near distillation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/11 15:01
S33	19	acetonitrile.ab. and (water or "H. sub"(S26)".O" or H2O) and azeotrop\$ and distillation and (pervaporation or membrane or hybrid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/11 15:05
S34	0	("6508917").URPN.	USPAT	OR	ON	2011/03/11 15:12
S35	30	("2107904"   "2351157"   "2560931"   "2807573"   "3201451"   "3322814"   "3328458"   "4141826"   "4328075"   "4349416"   "4362603"   "4430162"   "4474709"   "4575434"   "5074967"   "5094773"   "5120881"   "5156748"   "5292919"   "5346595"   "5426208"   "6132985"   "6395142").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/11 15:13
S36	57982	acetonitrile and purification and activated	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/11 15:24
S37	17607	acetonitrile and purification and activated and hplc and (uv or ultraviolet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/11 15:25

S38	2402	acetonitrile and purification and (activated near carbon) and hplc and (uv or ultraviolet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/11 15:32
S39	8	acetonitrile.ab. and purification and (activated near carbon) and hplc and (uv or ultraviolet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/11 15:33
S40	88	acetonitrile.ab. and purification and (acid or base) and hplc and (uv or ultraviolet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/11 15:42
S41	250	acetonitrile and pervaporation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/11 15:52
S42	14	acetonitrile.ab. and pervaporation.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/11 15:52
S43	2	"6395142".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/14 09:01
S44	233	acetonitrile and pervaporation	US-PGPUB; USPAT	OR	ON	2011/03/14 11:00
S45	1	acetonitrile.ti. and pervaporation	US-PGPUB; USPAT	OR	ON	2011/03/14 11:00
S46	137	acetonitrile and purification and pervaporation	US-PGPUB; USPAT	OR	ON	2011/03/14 11:00
S47	46	acetonitrile and purification and pervaporation and hplc	US-PGPUB; USPAT	OR	ON	2011/03/14 11:00
S48	98	acetonitrile and pervaporation and hydrophilic	US-PGPUB; USPAT	OR	ON	2011/03/14 11:07

S49	2	acetonitrile.ab. and pervaporation and hydrophilic	US-PGPUB; USPAT	OR	ON	2011/03/14 11:07
S50	39335	MITSUBISHI and JUKOGYO	DERWENT	OR	ON	2011/03/14 11:45
S51	39306	MITSUBISHI near JUKOGYO	DERWENT	OR	ON	2011/03/14 11:45
S52	13	(MITSUBISHI near JUKOGYO) and acetonitrile	DERWENT	OR	ON	2011/03/14 11:46
S53	1	(MITSUBISHI near JUKOGYO) and acetonitrile and "200317"	DERWENT	OR	ON	2011/03/14 11:47
S54	0	Pervaporation method of selectively separating water from an organic material aqueous solution through aromatic imide polymer asymmetric membrane	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/03/14 16:47
S55	30	Pervaporation method selectively separating water organic material aqueous solution aromatic imide polymer asymmetric membrane	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/03/14 16:48
S56	52	(break\$3 with azeotrop\$3) and ((vapor near permeation) or pervaporation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/15 07:47
S57	9	(break\$3 with azeotrop\$3) and ((vapor near permeation) or pervaporation) and (nitrile or acetonitrile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/15 07:48
S58	47	((methyl near ethyl near ketone) or methylethyl ketone ) with (pervaporation or (vapor near permeation)) and distillation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/15 08:49

S59	446	(membrane with distillation) and acetonitrile	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/15 09:00
S60	443	(membrane with distillation) and acetonitrile and water	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/15 09:01
S61	71	(membrane with distillation) and acetonitrile and water and azeotrope	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/15 09:01
S62	89	pervaporation and acetonitrile and condenser	US-PGPUB; USPAT	OR	ON	2011/03/15 15:03
S63	1	pervaporation and acetonitrile and condenser and blume. in.	US-PGPUB; USPAT	OR	ON	2011/03/15 15:03
S64	1	("5110475").PN.	US-PGPUB; USPAT	OR	OFF	2011/03/16 07:55
S65	56	(polar near aprotic) and pervaporation and distillation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/16 07:57
S66	7	(polar near aprotic) and ((vapor or vapour) near permeation) and distillation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/16 08:56
S67	1	("4362603").PN.	US-PGPUB; USPAT	OR	OFF	2011/03/16 09:19

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